

INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP2004/006108

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 B22D2/00 B22D11/18 B22D37/00 G01N27/74 G01N33/20
C21C5/46

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 B22D G01N C21C

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 4 816 758 A (THEISSEN WOLFGANG ET AL) 28 March 1989 (1989-03-28) abstract column 3 - column 5; figures 1-5	2, 3, 9, 17, 18, 29
Y		4-7, 16, 19-23
X	PATENT ABSTRACTS OF JAPAN vol. 1998, no. 05, 30 April 1998 (1998-04-30) & JP 10 005958 A (NIPPON STEEL CORP), 13 January 1998 (1998-01-13) abstract	2, 3, 10, 17, 18, 24, 29
Y A		16 10-14, 24-27
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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8 document member of the same patent family

Date of the actual completion of the international search

28 July 2004

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

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X Y	JP 54 110932 A (KAWASAKI STEEL CO) 30 August 1979 (1979-08-30) figures 1, 2	2-4, 17-19, 28, 29 4-7, 16, 19-23
X	PATENT ABSTRACTS OF JAPAN vol. 1998, no. 01, 30 January 1998 (1998-01-30) & JP 09 236461 A (NIPPON STEEL CORP), 9 September 1997 (1997-09-09) abstract	2, 3, 8, 17, 18, 29
X	DE 31 42 681 A (LICENTIA GMBH) 5 May 1983 (1983-05-05) abstract page 6 - page 8; figures 1, 2	2, 3, 9, 17, 18, 29
X	WO 02/36293 A (JALK MATS ; OHLSSON WILLY (SE); CERVANTES MICHEL (SE); KELVESJOE HA) 10 May 2002 (2002-05-10) the whole document	17, 24, 29
X	US 4 144 756 A (LINDER STEN V) 20 March 1979 (1979-03-20) the whole document	17, 24

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Information on patent family members

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